

WEST**End of Result Set**☐ **Generate Collection** **Print**

L11: Entry 11 of 11

File: DWPI

Aug 22, 2000

DERWENT-ACC-NO: 2000-631402

DERWENT-WEEK: 200061

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TITLE: Cosmetic formulation for enhancing fairness of skin, contains tomato pulp

Basic Abstract Text:

NOVELTY - A cosmetic formulation for whitening skin contains tomato juice/pulp.

Basic Abstract Text:

MECHANISM OF ACTION - Tyrosinase inhibitor; melamine formation inhibitor. To a sample containing 100 ml ethyl alcohol (50% in water(v/v)), 10 g each of mulberry bark and sophora flavescens were mixed and kept for 3 days at room temperature so as to obtain the extract mixture containing 2.8% mulberry bark extract and 1.8% sophorae radix extract. Filtered clear tomato liquid was mixed with the obtained extract and a solution containing 10 mg tyrosinase in phosphoric acid buffer was added to it. Further 0.1 M phosphoric acid buffer (pH6.8) was added and the solution was incubated for 10 minutes at 25 deg. C. A substrate solution containing L-DOPA (198 mg) in 100 ml phosphoric acid buffer was added and made to react for 10 minutes. The absorbence (ODS) in 475 nm was measured after the reaction. Again the absorbence (ODHE) after heat deactivation and absorbence (ODB) without sample addition, was also measured similarly using the enzyme. The activity inhibition rate of tyrosinase was computed according to the relation (ODB-(ODS-ODHE)/ODB) asterisk 100 and it was found to be very high for the sample containing the tomato extract than when the skin whitening agents were present alone.

Basic Abstract Text:

USE - As skin whitening cosmetic (claimed), for reducing and blocking sun tan and pigmentation. The cosmetic formulation can be used as skin cream, lotion, pack and also as ingredient in foundations, eye shadow, mascara, lip stick and ointments.

Basic Abstract Text:

ADVANTAGE - The formulation whitens skin effectively by preventing pigmentation and formations of spots and freckles. The formulation has wide medical and cosmetic benefits.

Standard Title Terms:

COSMETIC FORMULATION ENHANCE SKIN CONTAIN TOMATO PULP

Title (1):

Cosmetic formulation for enhancing fairness of skin, contains tomato pulp

Basic Abstract Text (1):

NOVELTY - A cosmetic formulation for whitening skin contains tomato juice/pulp.

Basic Abstract Text (3):

MECHANISM OF ACTION - Tyrosinase inhibitor; melamine formation inhibitor. To a sample containing 100 ml ethyl alcohol (50% in water(v/v)), 10 g each of mulberry bark and sophora flavescens were mixed and kept for 3 days at room temperature so as to obtain the extract mixture containing 2.8% mulberry bark extract and 1.8% sophorae radix extract. Filtered clear tomato liquid was mixed with the obtained extract and a solution containing 10 mg tyrosinase in phosphoric acid buffer was added to it. Further 0.1 M phosphoric acid buffer (pH6.8) was added and the solution was incubated for 10 minutes at 25 deg. C. A substrate solution containing L-DOPA (198 mg) in 100 ml phosphoric acid buffer was added and made to react for 10 minutes. The absorbence (ODS) in 475 nm was measured after the reaction. Again the absorbence (ODHE) after heat

deactivation and absorbence (ODB) without sample addition, was also measured similarly using the enzyme. The activity inhibition rate of tyrosinase was computed according to the relation $(ODB - (ODS - ODHE) / ODB) \times 100$ and it was found to be very high for the sample containing the tomato extract than when the skin whitening agents were present alone.

Basic Abstract Text (4):

USE - As skin whitening cosmetic (claimed), for reducing and blocking sun tan and pigmentation. The cosmetic formulation can be used as skin cream, lotion, pack and also as ingredient in foundations, eye shadow, mascara, lip stick and ointments.

Basic Abstract Text (5):

ADVANTAGE - The formulation whitens skin effectively by preventing pigmentation and formations of spots and freckles. The formulation has wide medical and cosmetic benefits.

Standard Title Terms (1):

COSMETIC FORMULATION ENHANCE SKIN CONTAIN TOMATO PULP

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L7: Entry 10 of 16

File: JPAB

Apr 4, 2000

PUB-NO: JP02000095663A
DOCUMENT-IDENTIFIER: JP 2000095663 A
TITLE: AGENT FOR EXTERNAL USE CONTAINING PLANT EXTRACT

PUBN-DATE: April 4, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

KONDO, CHIHARU
SENOO, MASAMI
TAKAYAMA, AKIYOSHI
NIIMURA, TAKAKO
HAYASHI, AKINOBU
KONDO, TAKESHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KOSE CORP

APPL-NO: JP10269482

APPL-DATE: September 24, 1998

INT-CL (IPC): A61 K 7/48; A61 K 7/00; A61 K 7/06; A61 K 35/78; A61 K 7/035; A61 K 7/42

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a skin whitening agent, active oxygen scavenging agent and antimicrobial agent, each useful as an active ingredient of an agent for external use such as a cosmetic or quasi-drug.

SOLUTION: This skin whitening agent, active oxygen scavenging agent or antimicrobial agent contains, as active ingredient, one or more kinds of extract selected from those afforded by the following plants: *Artocarpus lakoocha* Roxb., *Streblus asper* Lour., *Blumea balsamifera* DC., *Pluchea indica*(L.) Less., *Coccinia indica* Wight and Arnott., *Coccinia grandis* Voight, *Gloriosa superba* L., *Heliotropium indicum* R. Br., *Hibiscus sabdariffa* L., *Mammea siamensis* Kosterm., *Michelia champaca* L., *Murraya paniculata* Jack, *Mitragyna speciosa*(Korth.) Havil., *Morinda citrifolia* L., *Randia siamensis* Craib., *Solanum trilosatum* L., *Diospyros mollis* Griff., *Elephantopus scber* L., *Mesua ferrea* L., *Micromelum minutum* Seem., *Orthosiphon stamineus*, and *Solanum violaceum* Ortega. The other objective agent for external use contains the above skin whitening agent, active oxygen scavenging agent and/or antimicrobial agent.

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L3: Entry 9 of 16

File: JPAB

Jul 24, 2001

PUB-NO: JP02001199871A
DOCUMENT-IDENTIFIER: JP 2001199871 A
TITLE: COSMETIC

PUBN-DATE: July 24, 2001

INVENTOR-INFORMATION:

NAME

COUNTRY

KURODA, AKIHIRO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KANEBO LTD

APPL-NO: JP2000014399

APPL-DATE: January 24, 2000

INT-CL (IPC): A61 K 7/48; A61 K 7/00

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a cosmetic capable of improving the state of the skin and having excellent beautifying effect for the skin.

SOLUTION: This cosmetic contains an extract, a crushed matter or a pressed matter of Morinda citrifolia.

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Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

<u>L18</u>	(noni adj1 plant) and cosmetic	0	<u>L18</u>
<u>L17</u>	(noni adj1 oil)	0	<u>L17</u>
<u>L16</u>	l15 and (lipstick or (lip adj1 balm))	15	<u>L16</u>
<u>L15</u>	sorbitan adj1 monoleate	818	<u>L15</u>
<u>L14</u>	mulberry adj5 oil\$	10	<u>L14</u>
<u>L13</u>	mulberry adj3 oil	2	<u>L13</u>
<u>L12</u>	mulberry adj1 oil	1	<u>L12</u>
<u>L11</u>	L9 and lips	11	<u>L11</u>
<u>L10</u>	L9 and lip\$	37	<u>L10</u>
<u>L9</u>	mulberry and cosmetic	141	<u>L9</u>
<u>L8</u>	mulberry and (lipstick or (lip adj1 balm))	15	<u>L8</u>
<u>L7</u>	((morinda adj1 citrifolia) or (noni) or (indian adj1 mulberry)) and cosmetic)	16	<u>L7</u>
<u>L6</u>	l4 and (essential adj1 oil)	16	<u>L6</u>
<u>L5</u>	l4 and (essentail adj1 oil)	0	<u>L5</u>
<u>L4</u>	l2 and (fatty adj1 acids)	118	<u>L4</u>
<u>L3</u>	l2 and (wax and dimethicone)	63	<u>L3</u>
<u>L2</u>	lip adj1 balm	419	<u>L2</u>
<u>L1</u>	lip adj1 blam	1	<u>L1</u>

END OF SEARCH HISTORY